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**TC 1700**

PATENT

09/600,203

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|------------------|-----------------|-------------|
| Applicant:  | OGATA ET AL.     | Examiner:       | M. SAVAGE   |
| Serial No.: | 09/600,203       | Group Art Unit: | 1723        |
| Filed:      | AUGUST 9, 2000   | Docket No.:     | 13409.1USWO |
| Title:      | FILTER CARTRIDGE |                 |             |

CERTIFICATE UNDER 37 CFR 1.10

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By:

Name: John Junkers

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed June 5, 2002, Applicants provide the following amendments and remarks.

In The Claims

Please amend claims 1 - 2, 4 - 7, and 11 and add claims 12 - 15, as indicated herein.

1. (Twice amended) A filter cartridge comprising a strip, continuous fiber non-woven fabric prepared using a spun bonding method, the fabric comprising a thermoplastic fiber in which at least a part of fiber intersections is thermally adhered, wherein the strip, continuous fiber non-woven fabric is wound around a perforated cylinder in a twill form.

2. (Amended) The filter cartridge as described in claim 1, wherein the thermoplastic fiber constituting the continuous fiber non-woven fabric is a thermally adhesive composite fiber